

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|--|------------------|---------|------------------|
| L1 | 289 | HSG and suspension | US-PGPUB; USPAT; USOCR | OR | ON | 2006/11/15 19:53 |
| L2 | 231 | L1 and @ad<"20031201" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/15 19:57 |
| L3 | 58 | L2 and silicon | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/15 19:52 |
| L4 | 25 | HSG with (solvent or suspension or liquid or colloid\$3) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/11/15 19:57 |
| L5 | 831 | (438/685).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/11/15 19:57 |
| L6 | 724 | L5 and @ad<"20031201" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/15 20:23 |
| L7 | 163 | L6 and (solvent or suspension or liquid or colloid\$3) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/11/15 19:58 |
| L8 | 71 | L6 and (solvent or suspension or liquid or colloid\$3) and (\$5particle or \$5crystal) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/11/15 20:08 |
| L9 | 2 | ("20030170981").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/11/15 20:09 |

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| L10 | 63854 | spin near coat\$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/15 20:12 |
| L11 | 1950426 | \$5crystal or \$5particle | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/15 20:12 |
| L12 | 31164 | L10 and L11 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/15 20:12 |
| L13 | 1818 | L10 with L11 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/15 20:15 |
| L14 | 39752 | (atomic near layer near deposit\$4) or ALD | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/15 20:13 |
| L15 | 5 | L13 and L14 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/15 20:13 |
| L16 | 5 | L13 and L15 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/15 20:15 |

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| L17 | 0 | L13 and L5 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/15 20:15 |
| L18 | 40 | L13 and (438/597-688.ccls.) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/15 20:22 |
| L19 | 0 | fununaga-akria.in. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/15 20:22 |
| L20 | 0 | fununaga-akira.in. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/15 20:23 |
| L21 | 192 | fukunaga-akira.in. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/15 20:23 |
| L22 | 151 | L21 and @ad<"20031201" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/15 21:18 |
| L23 | 4 | ("5966580" "5993701" "6358611" "6517642").PN. OR ("6972256"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/11/15 20:26 |
| L24 | 10 | ("3540863" "4045596" "4395440" "4731295" "4800064" "5966580" "5993546" "6124215" "6168694").PN. OR ("6780245"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/11/15 20:27 |

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| L25 | 26 | ("20020160103" "20020177143" "20030039860" "3814696" "4186244" "4680204" "5147841" "5314541" "5328681" "5679059" "5683501" "5912257" "6054507" "6080670" "6103868" "6139591" "6231834" "6235224" "6262129" "6272768" "6346741" "6358611" "6369206" "6503831").PN. OR ("6743395").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/11/15 20:35 |
| L26 | 1255 | sputter and conductive and SEM | US-PGPUB; USPAT; USOCR | OR | ON | 2006/11/15 20:35 |
| L27 | 231 | sputter and conductive and SEM and imaging | US-PGPUB; USPAT; USOCR | OR | ON | 2006/11/15 20:35 |
| L28 | 150 | sputter and conductive and SEM and imaging and improve | US-PGPUB; USPAT; USOCR | OR | ON | 2006/11/15 20:35 |
| L29 | 43 | sputter and conductive and SEM and imaging and improve and nanoparticle | US-PGPUB; USPAT; USOCR | OR | ON | 2006/11/15 20:35 |
| L30 | 9 | ("3653953" "3671597" "4351266" "4622917" "5045353" "5633208" "5868917" "6074981" "6165598").PN. OR ("6709555").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/11/15 20:57 |
| L31 | 1 | (tungsten adj silicide) same nanoparticle | US-PGPUB; USPAT; USOCR | OR | ON | 2006/11/15 20:58 |
| L32 | 178 | (tungsten adj silicide) same particle | US-PGPUB; USPAT; USOCR | OR | ON | 2006/11/15 21:17 |
| L33 | 8342 | dual adj damascene | US-PGPUB; USPAT; USOCR | OR | ON | 2006/11/15 21:17 |
| L34 | 32782 | titanium adj nitride | US-PGPUB; USPAT; USOCR | OR | ON | 2006/11/15 21:18 |
| L35 | 9753 | ((titanium adj nitride) or (tungsten near silicide)) with barrier | US-PGPUB; USPAT; USOCR | OR | ON | 2006/11/15 21:18 |
| L36 | 2814 | l33 and l34 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/11/15 21:18 |

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| L37 | 2159 | L36 and @ad<"20031201" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/15 21:34 |
| L38 | 29 | ("4300149" "4556897" "5278099").PN. OR ("5480836").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/11/15 21:26 |
| L39 | 2008 | L37 and ("257".clas. or "438".clas.) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/15 21:34 |
| L40 | 869 | nanoparticle and capacitor and electrode | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/15 21:34 |
| L41 | 417 | L40 and @ad<"20031201" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/15 21:38 |
| L42 | 34 | nanosphere with lithography | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/15 21:38 |
| L43 | 20 | L42 and @ad<"20031201" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/15 21:56 |

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| L44 | 3 | ("6808983").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/11/15 21:56 |
| L45 | 6 | ("20020074565" "20020144644" "6413672" "6465301" "6576947" "6638862").PN. OR ("6808983"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/11/15 22:21 |
| L46 | 2 | ("20030224104").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/11/15 22:34 |
| L47 | 4 | ((("20030026989") or ("20020137260"))).PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/11/15 22:34 |
| S1 | 0 | ("liquidwithsuspension").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/11/15 13:06 |
| S2 | 145934 | liquid with suspension | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/15 13:06 |
| S3 | 1950426 | \$5particle or \$5crystal | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/15 13:07 |

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| S4 | 63854 | (spin near coat\$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/15 13:08 |
| S5 | 8417064 | (Tungsten or W\$1) or (tantalum or Ta\$1) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/15 15:48 |
| S6 | 974 | S2 and S3 and S4 and S5 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/15 13:10 |
| S7 | 678 | S6 and @ad<"20031201" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/15 15:40 |
| S8 | 2235 | (427/191-192,201,205,241).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/11/15 15:40 |
| S9 | 1229 | S8 and @ad<"20031201" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/15 14:49 |
| S10 | 2 | ("6472014").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/11/15 14:49 |

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| S11 | 18 | ("2430534" "2668787" "3378361" "3508890" "3513012" "3591350" "4959255" "5473111" "5945213" "5997956" "6030509" "6136165").PN. OR ("6472014").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/11/15 14:50 |
| S12 | 10 | ("4248940").PN. OR ("5894053").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/11/15 15:18 |
| S13 | 563 | (427/185).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/11/15 15:41 |
| S14 | 374 | S13 and @ad<"20031201" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/15 15:47 |
| S15 | 2200 | (427/215-217).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/11/15 15:42 |
| S16 | 1501 | S15 and @ad<"20031201" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/15 19:51 |
| S17 | 6411 | "427".clas. and \$5particle and suspension | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/15 15:47 |
| S18 | 4564 | "427".clas. and (\$5particle same (suspension or evaporat\$4)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/15 15:47 |

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| S19 | 2953 | S18 and @ad<"20031201" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/15 15:48 |
| S20 | 2108 | S19 and S5 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/15 15:54 |
| S21 | 1750763 | semiconductor | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/15 15:54 |
| S22 | 346 | S20 and S21 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/15 15:55 |
| S23 | 16 | ("5186973" "5485804" "5536202" "5665201" "5921856").PN. OR ("6054183").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/11/15 16:27 |
| S24 | 34 | ("4652467" "4849284" "4865875" "4987101" "4994302" "5055342" "5103288" "5149590" "5354611" "5453293" "5470802" "5494858" "5494859" "5504042" "5561318" "5614250").PN. OR ("5801092"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/11/15 19:51 |